

ABSTRACT

A brazing filler metal is composed of palladium, metal having homogeneous solubility with the palladium, and phosphorus as main constituents thereof, with addition of platinum and nickel as the metal having homogeneous solubility with the Pd, wherein a composition ratio of phosphorus falls within a range of about 3 to about 17 wt. %, a composition ratio of platinum falls within a range of about 5 to about 85 wt. %, and a composition ratio of nickel falls within a range of about 5 to about 32 wt. %.